

BIOCENTER OULU DAY 2023

Tools of life - approaches for solving biochemical mysteries

Time Wednesday May 17 2023 at 8.30-16.00
Place Leena Palotie Auditorium 101A in the Main Building of the Medical Campus,
 University of Oulu, Oulu, Finland
Chairpersons Maiju Uusitalo and Jeena Ainikkal Velayudhan

PROGRAMME

8.30-8.40	Opening remarks Chairperson of the Organizing Committee, Biocenter Oulu
8.40-8.50	Welcome Prof. Johannes Kettunen, Director of Focus Institute Biocenter Oulu
8.50-9.30	<i>"Data-driven approaches to study context-specific human cell signalling"</i> Dr Evangelia Petsalaki , EMBL-EBI, Cambridgeshire, UK (Online)
9.30-10.15	<i>Coffee at the exhibition area</i>

Session 1: Data collection tools

10.15-10.20	Nordic BioSite , Anni Laari
10.20-10.50	<i>"Circulating tumor DNA for the follow-up of cancer patients"</i> Dr Valérie Taly , Univ. Paris Descartes, France
10.50-11.20	<i>"Interdisciplinary Approaches in Biomedical Research: A Perspective from the Frontlines of Protein, Polymer, and Nanoparticle Simulations"</i> Dr Rajendra Bhadane , Univ. Turku, Finland
11.20-11.25	Genevia Technologies Oy , Thomas Liuksiala
11.25-12.55	<i>Lunch break and exhibition</i>

Session 2: Data analysis

12.55-13.00	Promega Biotech AB , Katja Ahokas
13.00-13.30	<i>"Analysis of large-scale genomics data to provide new insights into genetic disorders"</i> Prof. Dr Christian Gilissen , Radboud UMC, Nijmegen, NL
13.30-14.00	<i>"How much of protein space will AlphaFold illuminate?"</i> Dr Nicola Bordin , UCL, London, UK
14.00-14.40	<i>Coffee at the exhibition area</i>

Session 3: Databases

14.40-14.45	NanoString Technologies Europe Limited , Alexandra Brandt
14.45-15.15	<i>TBD</i> Dr Maxim Tsenkov , EMBL-EBI, Cambridgeshire, UK
15.15-15.45	<i>"Structure Predictions Transform Protein Family Classification"</i> Dr Alex Bateman , EMBL-EBI, Cambridgeshire, UK (Online)
15.45-16.00	General discussion and concluding remarks